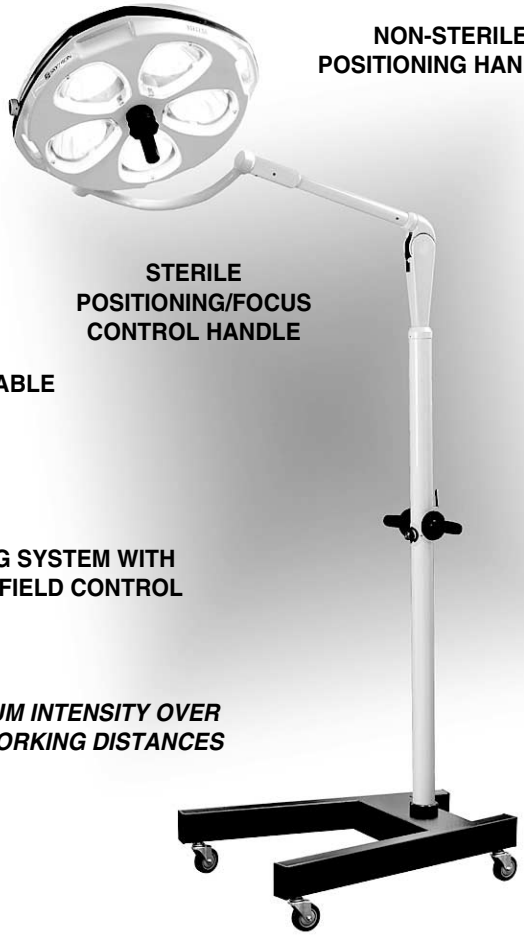
SKYTRON

ST23S

STELLAR SERIES • SURGICAL LIGHTS

360° RANGE OF MOVEMENT (Pitch, Roll)

NON-STERILE POSITIONING HANDLES



STERILE POSITIONING/FOCUS CONTROL HANDLE

LIGHT WEIGHT EXTREMELY DURABLE POLYMER LIGHTHEAD

***FOCUSABLE* LIGHTING SYSTEM WITH EXTENDED DEPTH OF FIELD CONTROL**

COLUMN MOUNTED INTENSITY CONTROL WTIH *EXCLUSIVE SKYTRON SOF-START* BULB PROTECTION

RETAINS 90% OF MAXIMUM INTENSITY OVER A GREATER RANGE OF WORKING DISTANCES

WEIGHTED BASE

INTRODUCTION

SKYTRON's Stellar Series Surgical Lighting provides 21st Century focusable lighting optics within extremely durable, light weight polymer lightheads, creating the perfect balance between performance, maneuverability and durability. Advanced VSRD Optics (Vertical Segmented Reflector Design) provide precision focus control and shadow free illumination, while retaining 90% of maximum intensity over a greater range of working distances. Typical applications include Delivery, Minor Surgery, Exam and Emergency Rooms. The ST23S is also well suited to areas that will not accommodate ceiling mounted fixtures, areas of limited space and for augmentation purposes with ceiling mounted surgical lights.

TECHNICAL DATA

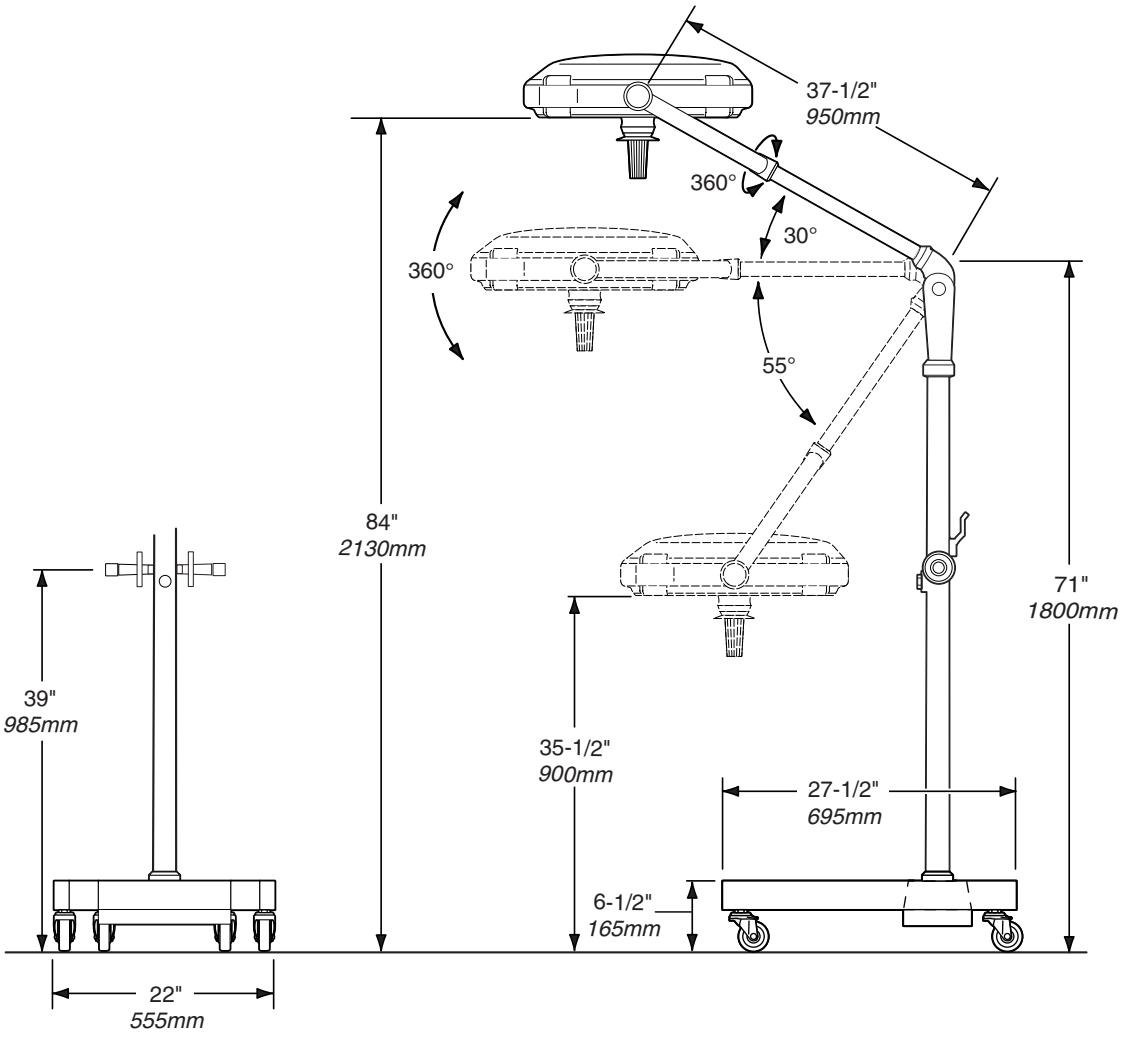
Electrical: 120v, 60 Hz, 1 phase
Power Consumption: 250 watts (850 BTU/hr)
Amperage: Approximately 2.5 amps, fuse protected.
Intensity: 130,000 lux, (12,000 fc)
Color Temperature: 4,000K
Beam Temperature: Less than 25,000 microwatts per cm^2 as recommended by the I.E.S. handbook.
Current Leakage: Less than 30 microamps
Bulb Type: Halogen 24V/50W.
Fixture Weight: 119 lbs.

ACCESSORIES

Camera System is optional and may be added to camera ready lighting system.

ARCHITECTURAL SPECIFICATIONS

Surgical lighting system shall consist of a 23" diameter lighthead mounted on a portable stand. Lighthead shall be equipped with a sterilizable center focus and positioning handle as well as non-sterile positioning handles and a side focus knob. Total system output is to be 130,000 lux (12,000 foot-candles) at a color temperature of 4,000K. The system is to be designed with 5 bulbs in the 23" diameter lighthead to eliminate the need to change bulbs during surgery. Bulbs are to be 24V, 50W Halogen type and operate between 18.5 and 20.5 volts. System design is to provide cool, color corrected light that is diffused evenly over the surgical site for optimum shadow reduction. System shall be SKYTRON Model ST23S.



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